

Fig. 13

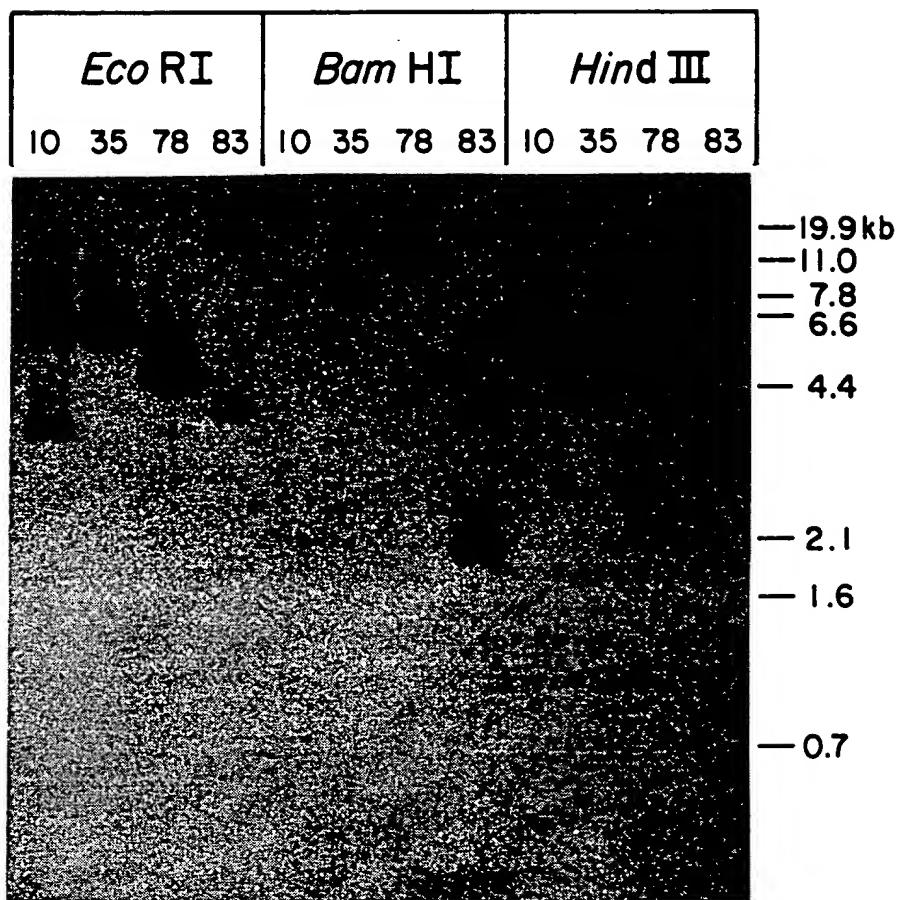


Fig. 2
14

GGATCCACAGCATAATTGTGTTGTCACAATTACGGTGGGGTAATTAGGAAAAAAATCTCAGAAGAACTGTCAATAGGGAGGGGGCAATAATGAAAACAACGTTGCGAA
 50 100

ATGCTGTCCTAACCCATTGAAGAGTACAAACTGAAAAACAAAAGTAGAAAGCAAGAGGGACTTCAGAAAATGGAAACCATGGACTCCTATTTAAGACACAGACCTGAAGG
 150 200

S1 S10

AAGGTCTTCAGAGAACCTAGAAAGCAGGTTCACAGAGTCACCCACCGCCCCAGGCCACAAGCATCTCAAGGTCCCCG 10
 250 300 met ala pro ala trp ser leu leu leu ala

leu leu leu leu ser cys asn ala ile cys ser leu gly CYS HIS LEU PRO HIS SER HIS LEU ALA LYS ARG ARG VAL LEU THR LEU
 CTG CTG CTG CTC AGC TGC AAC GCC ATC TGC TCT CTG GGC TGC CAC CTG CCT CAC TCC CAC AGC CTG GCC AAG AGG AGA GTC CTG ACA CTC
 350 400

20 30 10
 LEU ARG GLN LEU ARG ARG VAL SER PRO SER SER CYS LEU GLN ASP ARG ASN ASP PHE ALA PHE PRO GLN GLU ALA LEU GLY GLY SER GLN
 CTG CGA CAA CTG AGG AGG GTC TCC CCT TCC TGC CTG CAG GAC AGA AAT GAC TTC GCA TTC CCC CAG GAG GCG CTG GGT GGC AGC CAG
 450 500

50 60 40
 LEU GLN LYS ALA GLN ALA ILE SER VAL LEU HIS GLU VAL THR GLN HIS THR PHE GLN LEU PHE SER THR GLU GLY SER ALA ALA VAL TRP
 TTG CAG AAG GCT CAA GCC ATC TCT GTA CTC CAC GAG GTG ACC CAA CAC ACC TTC CAG CTT TTC AGC ACA GAG GGC TCG GCC GCT GTG TGG
 550 600

80 90 100
 ASP GLU SER LEU LEU ASP LYS LEU ARG THR ALA LEU ASP GLN GLN LEU THR ASP LEU GLN ALA CYS LEU ARG GLN GLU GLY LEU PRO
 GAT GAG AGC CTC CTG GAC AAG CTC CGC ACT GCA CTG GAT CAG CAG CTC ACT GAC CTG CAA GCC TGT CTG AGG CAG GAG GGG CTG CCA
 650 700

110 120 130
 GLY ALA PRO LEU LEU LYS GLU ASP SER SER LEU ALA VAL ARG LYS TYR PHE HIS ARG LEU THR LEU TYR LEU GLN GLU LYS ARG HIS SER
 GGG GCT CCC CTG CTC AAG GAG GAC TCC AGC CTG GCT GTG AGG AAA TAC TTC CAC AGA CTC ACT CTC TAT CTG CAA GAG AAG AGA CAC AGC
 750

140 150 160 166Stop
 PRO CYS ALA TRP GLU VAL VAL ARG ALA GLN VAL MET ARG ALA PHE SER SER SER THR ASN LEU GLN GLU ARG PHE ARG ARG LYS ASP OP
 CCT TGT GCC TGG GAG GTT GTC AGA GCA CAA GTC ATG AGA GCC TTC TCT TCC TCA ACA AAC TTG CAG GAG AGA TTC AGG AGA AAG GAC TGA
 800 850

CACACACCTGGTTAACACCGAAATGATTCTCACGGACCAACAGACCACACTTCCCTGCGCTGCCATGTGGAAGACTCATTCTGCTGTACAGGCACTGAACCTGAATCAATTGTT
 900 950 1000

AAATGATTCAGGTATATTATGTGACATCATGATCTACTCTACAGGCACTACTCTGTCCCAGATACTCAAGCTAACCTACTTATTATCTATTGGTATTATTATCTAATTAA
 1050 1100

TATTATTTATCTATATAAGAATTAAATTATTTGTTCATATAATTATGTATGTATAATTAAATGGAAAAATATTTGTATTAGTCATTATGAGTTTCTTCATTCAATTAA
 1150 1200

CTTACTATAAAATCTCCTTGTGTTTCTTAAAAAGAAACATGAAGACTGAATATGCAACTTGATTAAGAATGCATTTATAATTCTCACCCATTGTGATTGACATT
 1250 1300 1350

CAAATGGGGATTTGGGGGATTTCTGACCGGAACCTGGAAGCGACGAACTGAAAGAAGGACACTCAGACAGTCTTGCAAGGACTGACAAGTTATTTC
 1400 1450

FIGURE 5a
15A

BóIFN- α 2

GAAAAAAATCTAAAAGGCTCTGGGCAGAAGAAAGAACATGAAAAAAATGATTGGTAGTCAGCCC
TAACCCACTGGAGAGTGCAAACGTAAAAGCAAAACAAAGTAGAAAATAAGAGGGAACTTCAAAAGTGGAAACCAT
GGGCTCCTATTAAGACACAGGCCTGAAGGAAGGTCTTCAGAGAATCTAGAGAGCAGGTTCACAGAGTCACCCACTGCC

	S1	S10
CCAGGGCAGAAGCATCTGCAAGGTCCCCG	met ala pro ala trp ser phe leu leu ala leu leu	ATG GCC CCA GCC TGG TCC TTC CTC CTG GCC CTG CTG

S20 S23 1
 leu leu ser cys asn ala ile cys ser leu gly cys his leu pro his thr his ser leu
 CTG CTC AGC TGC AAC GCC ATC TGC TCT TTG GGT TGC CAC CTG CCT CAC ACC CAC AGC CTG

10 20
pro asn arg arg val leu thr leu leu arg gln leu arg arg val ser pro ser ser cys
CCC AAC AGG AGG GTC CTG ACA CTC CTG CGA CAA CTG AGG AGG GTC TCC CCT TCC TCC TGC

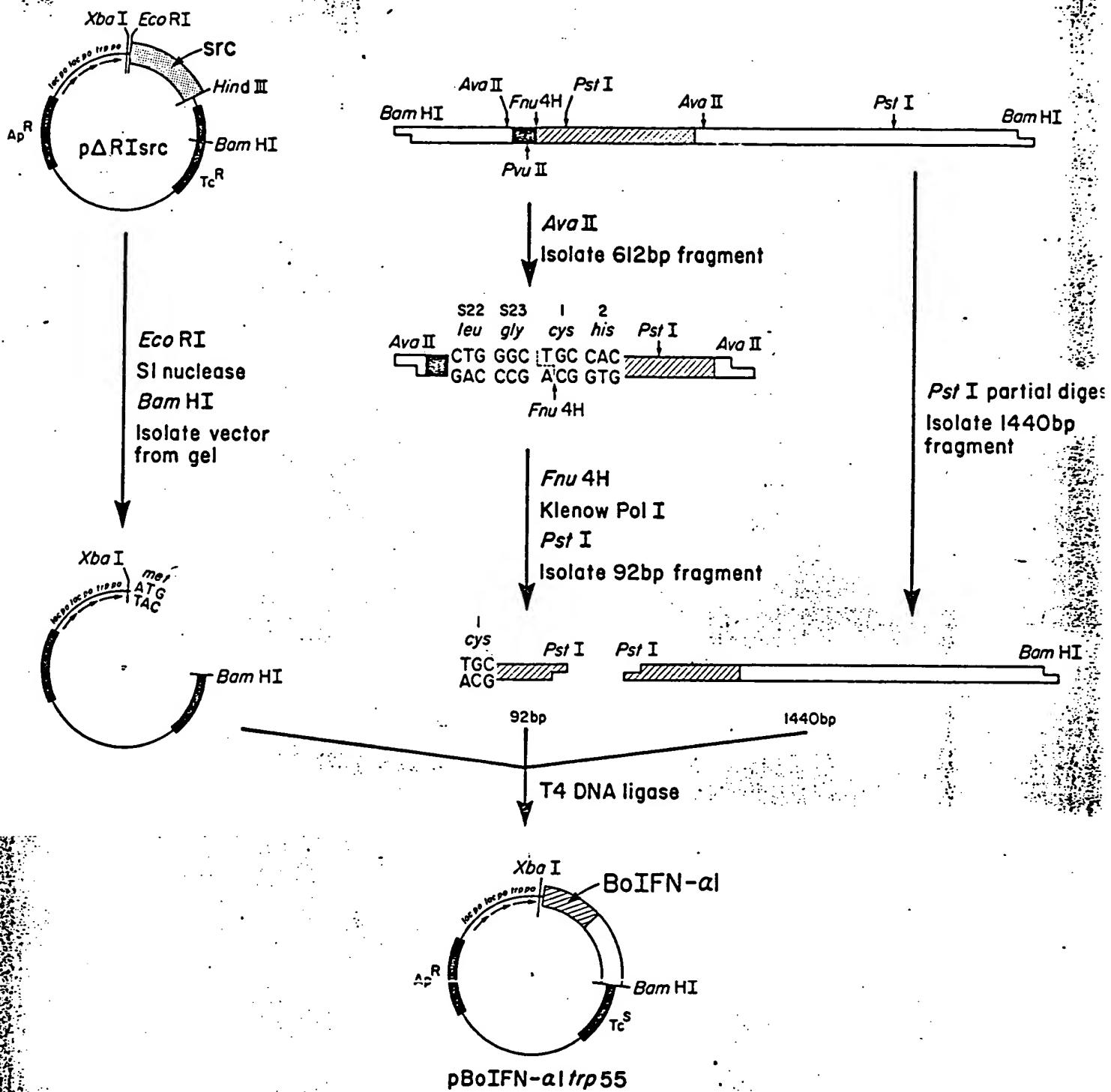
30 40
leu gln asp arg asn asp phe ala phe pro gln glu ala leu gly gly ser gln leu gln
CTG CAG GAC AGA AAT GAC TTT GCA TTC CCC CAG GAG GCG CTG GGT GGC AGC CAG TTG CAG

90	100
asp gln gln leu thr asp leu gln ala cys	leu arg gln glu glu gly leu arg gly ala
GAT CAG CAG CTC ACT GAC CTG CAA GCC TGT	CTG AGG CAG GAG GAG GGG CTG CGA GGG GCT

110 120
 pro leu leu lys glu asp ala ser leu ala val arg lys tyr phe his arg leu thr leu
 CCC CTG CTC AAG GAG GAT GCC AGC CTG GCT GTG AGG AAA TAC TTC CAC AGA CTC ACT CTC

150 160 166
arg ala phe ser ser ser thr asn leu gln glu lys phe arg arg lys asp OP
AGA GCC TTC TCT TCA ACA AAC TTG CAG GAG AAA TTC AGG AGA AAG GAC TGA CACACA

CCTGGTTAACACGGAAATGATTCTCATGGACCAACAGACCACACTTCCTCCTGCACTGCCATGTGGAAGACTCTCAT
TTCTGCTGTCATTGCACCCCTGAAATGAATCAATATGTCAAATGATTCTGGAATATTAAGTAACATCATGTTCTACTC
TATAGGCAAAACAGATGCCGAAGCTCATCTATCTACATATTTAACTACTTGGACATTATTTATTTATTTAATATTT
ATTTAACTATTTATAAATATTTAAATTATTTGTTGATAAAGTATTATGTATGTACATTTAGGGAAAATGTATATTT
TGTATTTAGTCAGTTATGATTTCTCCTTATTAAATTTACTGTAAAAGACTTACTTGTCCCCCGTTAGGATCTGCAT
CAGAGCCACCAAGCCTGAATGGCAGCTGATTAAAAATTGCATTTATGATTCTTGAGCCCTTTAGGATCTGCAT
GTTAGAAGTAAAAACTCTAGCTCTAGCTATGTTTGTGCTTGAGGACCTGAAGGGAACATAACCACTCCAG
TGCTTTTGTAACTCTGATTTTTTCAAAAAAAAGTAACCTAAAAACAACCATCAAAAAAAATCCATGCTTCAG
GATTTGATGAATTG



FIGURE

17
Figure 17

